

# RIVERSIDE COUNTY PLANNING DEPARTMENT

DATE: November 4, 1987

TO: Assessor  
Building and Safety  
Surveyor  
Road Department  
Health  
☒ Fire Protection  
Flood Control District  
Department of Fish and Game

X

Commissioner Walter Smith

**RECLAMATION PLAN 123** - Paul Hubbs  
Construction Company - Tom Dodson &  
Associates - Glen Avon District - Second  
Supervisory District - Stringfellow  
Quarry - 227.55 Acres - Reclamation Plan  
for Quarry with Vested Rights

Please review the case described above, along with the attached information. A public hearing has not yet been tentatively scheduled.

Your comments and recommendations are requested by December 4, 1987 in order that we may include them in the staff report for this particular case.

Should you have any questions regarding this item, please do not hesitate to contact Steve Kupferman at 787-1377  
Geologist

COMMENTS:

The Riverside County Fire Department  
has no comment or conditions.

Date \_\_\_\_\_ Name M. E. Gray

COUNTY OF RIVERSIDE  
DEPT. OF FIRE PROTECTION  
PERRIS, CALIFORNIA  
NOV 10 1987  
FIRE PREVENTION

DATE: 12-3-87 SIGNATURE \_\_\_\_\_

PLEASE print name and title MICHAEL E. GRAY, Planning Officer

RECEIVED

# County of Riverside

## DEPARTMENT OF HEALTH

TO: RIVERSIDE COUNTY PLANNING DEPT.  
ATTN: Steve Kupferman

DATE: 07-23-90

FROM: <sup>HW 7/23/90</sup> Earl Tuntland, Environmental Health Services Manager  
(Special Services)

RE: RE: Reclamation Plan 123

---

Environmental Health Services has reviewed the proposed Reclamation Plan . We would advise Planning staff to seek input from the State Department of Health Services, Toxic Substances Control Program regarding the impact of the Stringfellow Hazardous Waste Site as it might affect this particular plan. Of particular concern would be surface and subsurface flows from the Stringfellow Site.

An appropriate contact with the State would be Mr. Ted Rauh, Chief of the Program and Administrative Support Division of the Toxic Substances Control Program, Department of Health Services. His phone number is (916) 324-7193 and his address is: 714/744 P Street, P.O. Box 942732, Sacramento, CA 94234-7320.

✓  
sent  
7/26/90  
JPH-8

If you have any questions concerning the comments above, please contact me at 275-8980.

ET:dr

cc: John Fanning, Director, Environmental Health Services  
Chuck Strey  
Martha Bahia  
Ralph Luchs

RECEIVED

JUL 25 1990

RIVERSIDE COUNTY  
PLANNING DEPARTMENT



# COUNTY OF RIVERSIDE

## TRANSPORTATION DEPARTMENT

FRANKLIN E. SHERKOW  
Director of Transportation  
COUNTY ADMINISTRATIVE CENTER  
MAILING ADDRESS:  
P.O. Box 1090  
Riverside, California 92502  
(714) 275-6880  
FAX (714) 275-6721

August 13, 1990

Joseph A. Richards, Planning Director  
Riverside County Planning Department  
4080 Lemon Street  
Riverside, CA 92501

ATTN: Steve Kupferman

RE: Reclamation Plan 123

Dear Steve:

The Transportation Department has reviewed the above reference project. Since this proposal is not a traffic generator, the Transportation Department has no comment, nor any objection to the proposed plan.

Sincerely,

  
Lawrence A. Toerper  
Division Engineer

LT:RK:lg

**RECEIVED**

**AUG 16 1990**

**RIVERSIDE COUNTY  
PLANNING DEPARTMENT**

TO THE APPLICANT:

The following list of corrections needs your attention and follow-up. For your information and convenience, comments are numbered and amplified on the Plan Check set. Please revise the plans and supporting calculations, if any, and resubmit these for recheck including a correction response. Indicate on the corrected plan where the corrections are made and clearly distinguish all revisions using clouds, revision triangles, etc. so plan check can be accomplished in a timely manner.

The first letter in the CODE column denotes:

B ->Uniform Building Code, A ->Uniform Administration Code, DP ->Department Policy, ORD ->County Ordinance, T ->California State Title, PE ->Professional Code of Practice

COUNTY OF RIVERSIDE. DEPARTMENT OF BUILDING AND SAFETY

\*\*\*\*\* PLAN CHECK CORRECTIONS \*\*\*\*\*

+ DATE : 08/21/90  
+ PREPARED BY: NEIL NILCHIAN *NAN*  
+ P/C LOG #: RP 123.E  
+ PHONE: 714-278-1820

GMT#	CODE	SEE MARKS ON ..	COMMENT----
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000	*	* ----->	Please comply to Engineer Geologist recommendation, i.e. A maximum inclination for cut slopes within the metamorphic bedrock to be 1 1/2 horizontal to 1 vertical overall and etc.
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RIVERSIDE COUNTY FLOOD CONTROL AND  
WATER CONSERVATION DISTRICT

RIVERSIDE, CALIFORNIA 92502

August 24, 1990

Riverside County  
Planning Department  
County Administrative Center  
Riverside, California

Attention: County Geologist  
Steve Kupferman

Ladies and Gentlemen:

Re: Reclamation Plan 123  
Amended No. 1

This reclamation plan is proposed for the existing Pyrite Quarry, formally Stringfellow, located in the Glen Avon area. The 227.55 acre site is on the northwest side of Pyrite Street approximately 1/2 mile north of Interstate 60.

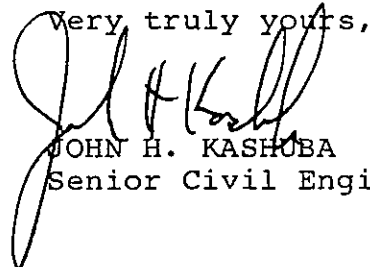
The majority of this site is not adversely affected by offsite flows. However, there is a natural watercourse which meanders along the western property line of this site. The cross-section taken at Line C shows that the proposed grading would cut into the natural containment of this watercourse. This would allow the flows to enter the site creating a diversion.

The grading operation should be redesigned in this area to ensure that the watercourse remains in its natural location. Diversions greater than 1 acre are not acceptable and would cause problems with the downstream facilities that may not be adequately sized to handle the additional flows.

Debris detention should also be considered for this site in order to avoid the deposition of debris on downstream owners and facilities.

Questions concerning this matter may be referred to Zully Smith of this office at 714/275-1213.

Very truly yours,



JOHN H. KASHUBA  
Senior Civil Engineer

c: Hubbs Construction

ZS:pln

## DEPARTMENT OF HEALTH SERVICES

714/744 P STREET

P.O. BOX 942732

SACRAMENTO, CA 94234-7320

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SEP 17 1990



(916) 323-3417

RIVERSIDE COUNTY September 11, 1990  
PLANNING DEPARTMENT

Mr. Steve Kupferman  
Riverside County Planning Department  
4080 Lemon Street, 9th Floor  
Riverside, CA 92501

Dear Mr. Kupferman:

Staff of the California Department of Health Services (Department) have reviewed the Reclamation Plan for the Stringfellow Quarry and have several comments on the plans for quarry reclamation. The Stringfellow Hazardous Waste Site sits upgradient and is adjoining the Hubbs Quarry. The Department and the U.S. Environmental Protection Agency (EPA) are working toward mitigation of the Stringfellow Site, but have not yet completed studies required to determine what cleanup technologies will be used for the onsite area (Zone 1 in the attached map.) It is anticipated that a decision to begin the Zone 1 remediation will be made in 1991. As long as there are contaminated soils remaining on site, the Department and EPA will conduct a five year review of the mitigation measures available for implementation at the Site. Further mitigation may be recommended following each or any of these reviews. It is very difficult to comment upon the impact of the quarry on cleanup of the Stringfellow Site or the impact of the cleanup of the Stringfellow Site on the quarry without knowing what mitigation measures will be implemented. In the interim, the Department makes the following comments:

1. The Department is concerned over the extent to which the quarry will be mined during the thirty years of operation depicted in the reclamation plans. The quarry mining will extend very close to, and possibly into, the areas of contaminated soils and rock. The mining operation will expose vertical walls which may contain fractures that connect to Zone 1 and may weep contaminated leachate into the quarry area. If these conditions are encountered, staff of the Department should be notified. It may also be necessary to sample and analyze this material to determine if it is a hazardous substance.
2. If, during mining operations, unknown materials are encountered, the Department should be notified, the material should be sampled, and disposal of the material should await the results of analysis.

Mr. Steve Kupferman  
September 11, 1990  
Page Two

3. The Department is also concerned that quarry or mining operations not interfere with, or result in the damage of DHS or EPA equipment or wells, and that any wells that are already damaged be restored.
4. Sampling and analysis of soil surrounding the bunkers should be done before the bunkers are destroyed or the surrounding soil/rock is mined.
5. All analysis done in accordance with the recommendations of the Department should be done by a California certified hazardous materials lab. A copy of all analytical results should be sent to the Department prior to the removal or movement of the material sampled.
6. The Department is not aware of any operating ordinance manufacturing facilities in the canyon (Item 5.)
7. The Pyrite Channel should be maintained and cleared of vegetation and debris yearly.
8. Blasting should be controlled so that no fly rock and minimal dust is allowed to be deposited on Stringfellow remediation facilities. Ground motions should not exceed 0.50 ips at the pretreatment plant or within the fenced portion of the Stringfellow site.
9. During excavation for the surface water diversion channels, two gas pockets were encountered. These gas pockets may originate from volatilization of the contaminants in the underlying contaminated groundwater. Hubbs should not conduct excavation within 300' of Pyrite Creek without air monitoring and a contingency plan prepared by an industrial hygienist.

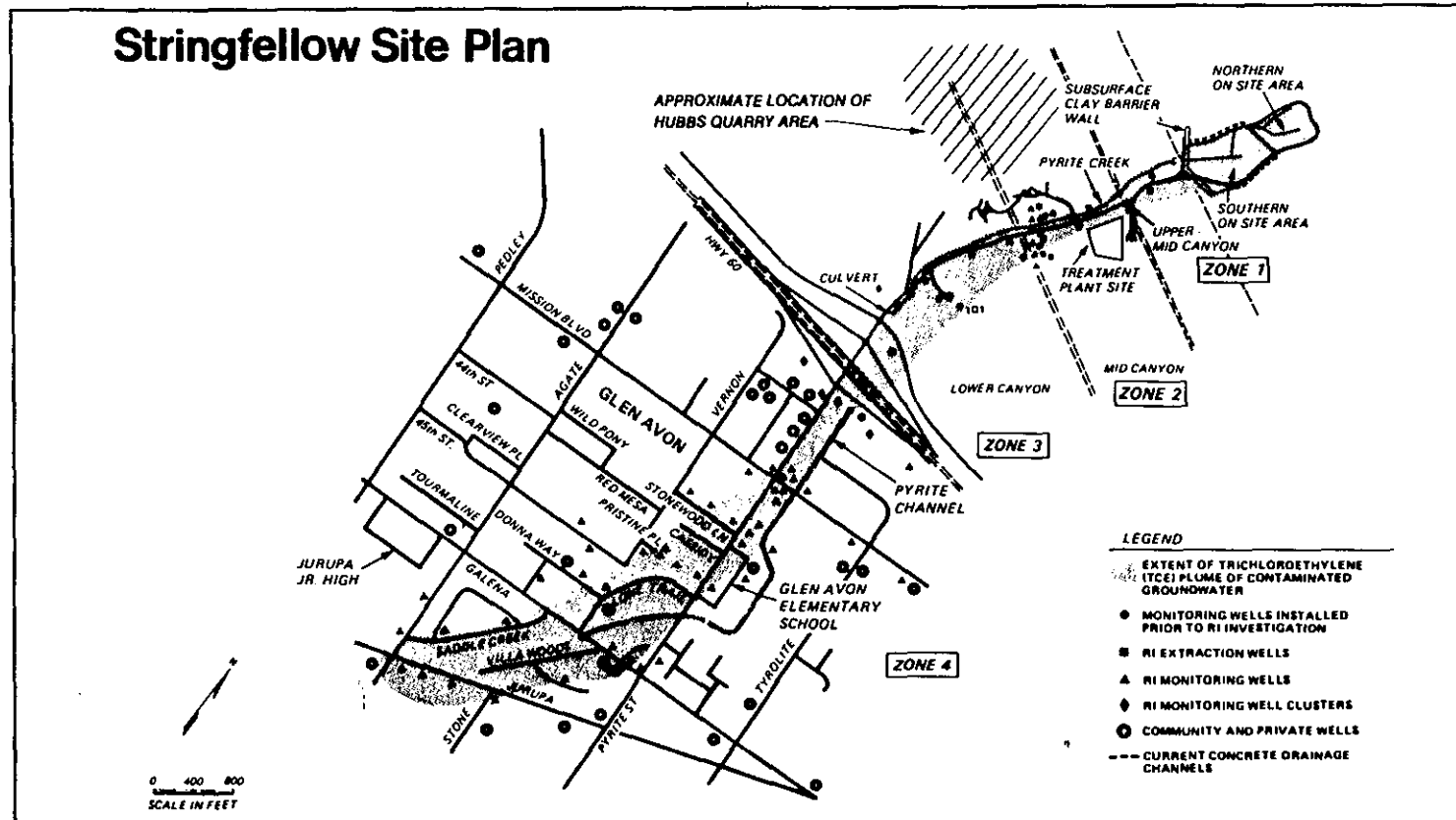
The Department's comments are based upon current information and plans for remediation of the Stringfellow site.

Sincerely,



Beth Jines  
Special Projects

# Stringfellow Site Plan



THIS MAP defines the contaminated groundwater plume that extends from the Stringfellow site into Glen Avon, the wells for monitoring and extraction, and the zones and canyon areas of the site.



# RIVERSIDE COUNTY PLANNING DEPARTMENT

October 9, 1990

Paul Hubbs Construction Company  
140 West Valley Boulevard  
Rialto, CA 92376

Attention: Mr. Jay Hubbs

Subject: Reclamation Plan No. 123  
Pyrite (Stringfellow) Quarry  
A.P.N.: 173-170-006,013,015  
173-180-003,008,009  
Glen Avon Area

Dear Mr. Hubbs:

The Planning Department has completed its review of the Reclamation Plan for the subject aggregate surface mining operation, and hereby approves the plan in accordance with Riverside County Ordinance No. 555.

The plan approval is subject to the following attached documents:

1. Reclamation Plan Application dated October 21, 1987.
2. Reclamation Plan, Pyrite Quarry, Amended No. 1, dated July 3, 1990, with Sheet no. 3, revised August 30, 1990.
3. Reclamation Plan Description, dated July 3, 1990.
4. "Preliminary Engineering Geology Investigation of Slope Stability, Pyrite Quarry Reclamation Plan, Glen Avon Area, Riverside County, CA," by Gary S. Rasmussen and Assoc., dated July 3, 1990.
5. Letter dated August 13, 1990 from County of Riverside, Transportation Department.
6. Memorandum dated July 23, 1990 from the Environmental Health Services Division of the Health Department.
7. Letter dated November 4, 1987 from Riverside County Fire Department.
8. Plan check sheet dated August 21, 1990 from Department of Building and Safety.
9. Letter dated August 24, 1990 from the Riverside County Flood Control and Water Conservation District.

# RIVERSIDE COUNTY PLANNING DEPARTMENT

DATE: November 4, 1987

TO: Assessor  
Building and Safety  
Surveyor  
Road Department  
Health  
✓ Fire Protection  
Flood Control District  
Department of Fish and Game

✓

Commissioner Walter Smith

RECLAMATION PLAN 123 - Paul Hubbs  
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Your comments and recommendations are requested by December 4, 1987 in order that we may include them in the staff report for this particular case.

Should you have any questions regarding this item, please do not hesitate to contact  
Steve Kupferman at 787-1377  
Geologist

COMMENTS:

The Riverside County Fire Department  
has no comment or conditions.

Date \_\_\_\_\_ Name M. Gray

COUNTY OF RIVERSIDE  
DEPT. OF FIRE PROTECTION  
PERNIO, CALIFORNIA  
NOV 10 1987  
FIRE PREVENTION

RECEIVED

DATE: 12-3-87 SIGNATURE M. Gray  
PLEASE print name and title MICHAEL E. GRAY, Planning Officer

# County of Riverside

## DEPARTMENT OF HEALTH

TO: RIVERSIDE COUNTY PLANNING DEPT.  
ATTN: Steve Kupferman

DATE: 07-23-90

FROM: *HW 7/23/90*  
Earl Tuntland, Environmental Health Services Manager  
(Special Services)

RE: Reclamation Plan 123

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Environmental Health Services has reviewed the proposed Reclamation Plan . We would advise Planning staff to seek input from the State Department of Health Services, Toxic Substances Control Program regarding the impact of the Stringfellow Hazardous Waste Site as it might affect this particular plan. Of particular concern would be surface and subsurface flows from the Stringfellow Site.

An appropriate contact with the State would be Mr. Ted Rauh, Chief of the Program and Administrative Support Division of the Toxic Substances Control Program, Department of Health Services. His phone number is (916) 324-7193 and his address is: 714/744 P Street, P.O. Box 942732, Sacramento, CA 94234-7320.

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7/26/90  
JPH-8

If you have any questions concerning the comments above, please contact me at 275-8980.

ET:dr

cc: John Fanning, Director, Environmental Health Services  
Chuck Strey  
Martha Bahia  
Ralph Luchs

RECEIVED

JUL 25 1990

RIVERSIDE COUNTY  
PLANNING DEPARTMENT



# COUNTY OF RIVERSIDE

## TRANSPORTATION DEPARTMENT

FRANKLIN E. SHERKOW  
Director of Transportation  
COUNTY ADMINISTRATIVE CENTER  
MAILING ADDRESS:  
P.O. Box 1090  
Riverside, California 92502  
(714) 275-6880  
FAX (714) 275-6721

August 13, 1990

Joseph A. Richards, Planning Director  
Riverside County Planning Department  
4080 Lemon Street  
Riverside, CA 92501

ATTN: Steve Kupferman

RE: Reclamation Plan 123

Dear Steve:

The Transportation Department has reviewed the above reference project. Since this proposal is not a traffic generator, the Transportation Department has no comment, nor any objection to the proposed plan.

Sincerely,

  
Lawrence A. Toerper  
Division Engineer

LT:RK:lg

**RECEIVED**

**AUG 16 1990**

**RIVERSIDE COUNTY  
PLANNING DEPARTMENT**

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COUNTY OF RIVERSIDE, DEPARTMENT OF BUILDING AND SAFETY

\*\*\*\*\* PLAN CHECK CORRECTIONS \*\*\*\*\*

+ DATE : 08/21/90

+ PREPARED BY: NEIL NILCHIAN *NAN*

+ P/C LOG #: RP 123\_E

+ PHONE: 714-275-1820

CMT#	CODE	SEE MARKS ON ..	COMMENT---
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000	*	* ----->	Please comply to Engineer Geologist recommendation(i.e. A maximum inclination for cut slopes within the metamorphic bedrock to be 1 1/2 horizontal to 1 vertical overall and etc.)
000	*	* ----->	If you have any questions please do not hesitate to contact me.

To Whom it may Concern;

January 8, 1989

I am a new resident of Glenn Avon. It was brought to my attention shortly after my move, that there is a rock Quarry, (Hubbs), that is involved in blasting, adjacent to the Stringfellow Acids pits. To me, this seems like playing with fire next to a gasoline can.

I contacted several people on the State and County levels after the Stringfellow community meeting of January 18, 1989.

At this time I have a wide response to my concerns, from "Yes, there are potential problems"; to "We cannot argue with the irrefutable data gathered by State Geologist that declares safe blasting".

Apparently there is a lack of continuity within the different Govt. agencies. Even if only a few people within the clean up committee think there are potential problems with blasting, then I believe that we need further monitoring and further studying of this volatile area.

I think we need to approach it from a "Worst case scenerio angle". If the Hubbs Quarry is operating under Grandfather clauses wherin they do not need permits for blasting, then we need to circumvent those clauses. A threat to public safety must pre-empt archiac and self serving "No permit" laws.

In 1986, Hubbs Quarry had a contract with the Army Corps of Engineers to provide 25-30,000 tons of rock for rebuilding San Pedro Harbor. Jan Meyers told me that Hubbs was the only Quarry with rock that met Specifications for that type of Construction. With very little research I found at least 5 other Quarries that also had spec. grade rock.

From the review of minutes from August 29, 1986 Stringfellow advisory committee meeting, page 5, " The County and the State tried to find a way to stop blasting, but could not legally do so ".

So the state retained a Geologist named Dick Jones to monitor a blast. Apparently everything proved to be safe. However, each subsequent blast occurs in a different location and all blast have different intensities. To insure safety, the state was able to impose a list of conditions for blasting. To date, I have talked to no one who is monitoring these conditions.

If this was a new Quarry, the conditions would be much more stringent. But I believe permits for blasting next to toxic acid pits should be the toughest and most safe of all permits attainable.

In the past few weeks, while talking to Govt. people from E.P.A. to D.H.S. to County Health, County Planning, County Supervisors, I let it be known that as a resident and potetial victim, I would like to be notified of any upcoming blast at the Quarry. "No Problem" seemed to be the most common answer.

At 3:30 p.m. Monday, January 30, 1989, there was a blast at Hubbs Quarry.

I have contacted people on state and county levels to find out why I wasn't notified. The answer is that they were not notified.

In closing, I would like to ask a few questions:

- (1) Who is monitoring the blasting next to this toxic acid pit?
- (2) Who is monitoring the tonnage removed from this area?
- (3) Who is monitoring the effects of extra run-off (due to lack of water shed) into the toxic plume?
- (4) Who is monitoring the effects of blasting on the extration wells?
- (5) Who is monitoring the realease of soil gas due to vibrations generated by a blast?

Please respond soon; they are preparing for another blast.

John Sheldon

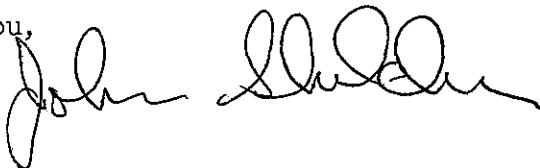
P.O. Box 13

8531 Mission Blvd.

Riverside, Ca. 92509

or call me at: (714) 746-2562

Thank You,





# PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



140 WEST VALLEY BLVD. • RIALTO, CALIFORNIA 92376

TELEPHONE (714) 877-2726

June 6, 1989

**RECEIVED**  
JUN 06 1989

Riverside County  
Planning Department  
4030 Lemon Street, 9th Floor  
Riverside, CA. 92501

**RIVERSIDE COUNTY  
PLANNING DEPARTMENT**

Attention: Mr. Steven A. Kupferman  
Engineering Geologist

Subject: Reclamation Plan No. 123  
Pyrite Quarry (Stringfellow)

Gentlemen:

In order to comply with the Reclamation Plan submitted and your letter of January 21, 1988, we are to proceed in the following schedule.

1. Survey; Brown and Mullens, Inc. has been contracted to update quarry conditions with regards, topography and quarry face conditions.
2. Any revisions to the map plan will include scale, date and North arrow, etc.
3. The landscape features are to be worked by Mr. Kim Andres, Including plants, species and hydroseeding.
4. Drainage control is currently being upgraded. Paul Hubbs Construction Co. has requested copies of this new construction from the State, upon receipt from the State, copies of this new channel will be included in the Reclamation Plan.
5. The current new construction by the State will note all drainage improvements. Along with the design plan, Paul Hubbs Construction Co. has requested sets of as-built drawings from the State. These will indicate drop structures, berms and other erosion control structures.
6. A drawing is being prepared by the State; A row of trees is to be planted replacing the removal made by the state.

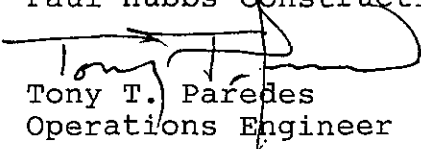


Survey control which is to be set by State survey has been postponed on three different occasions, the State has re-scheduled their survey tentatively for June 15, 1989.

Upon receipt from the State survey and drawings, Paul Hubbs Construction Co. shall submit to Riverside County for your use in the Reclamation Plan.

County - Building and Safety has visited and toured the quarry site. Should you at any time need to visit or meet with us with regards to this Reclamation Plan please, contact either myself at (714) 877-2726 or Mr. John Boyd with Thompson-Colgate Inc, at (714) 682-5550.

Respectfully Submitted  
Paul Hubbs Construction Co.



Tony T. Paredes  
Operations Engineer

cc: Michael C. Sorensen  
Associate Engineering Geologist  
Department of State Health Services

Beth Jines  
Material Specialist  
Department of State Health Services

John A. Boyd  
Thompson & Colegate

Kenneth A. Moreno  
Murchinson & Cummins

TTP/sjm

Reclamation Plan No. 123  
October 9, 1990  
Page 2

10. Letter dated September 11, 1990 from State of California, Department of Health Services.

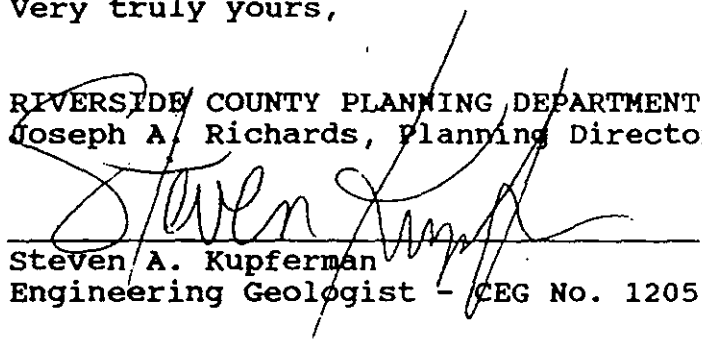
Please note that based on Section 12 of Riverside County Ordinance No. 555, this surface mining operation operates as a vested rights operation.

Any substantial changes to the mining operation shall require the granting of a Surface Mining Permit pursuant to Ordinance 555. You should also be aware that upon granting of this Reclamation Plan approval, you shall apply for a Special Inspection Permit with the Department of Building and Safety, as required in the Ordinance.

Please contact myself or Tony Ramsamooj in the Grading Division of the Department of Building and Safety if you have further questions in this matter.

Very truly yours,

RIVERSIDE COUNTY PLANNING DEPARTMENT  
Joseph A. Richards, Planning Director



Steven A. Kupferman  
Engineering Geologist - CEG No. 1205

SAK:jb

cc: Tony Ramsamooj - Department of Building & Safety  
Jim Pompy - California Division of Mines & Geology  
Beth Jines - Department of Health Services  
Supervisor Melba Dunlap - Attn.: Tallulah Sherer,  
Administrative Assistant  
Joe Rank - County Counsel

# RIVERSIDE COUNTY PLANNING DEPARTMENT

DATE: November 4, 1987

TO: Assessor  
Building and Safety  
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Department of Fish and Game

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Commissioner Walter Smith

**RECLAMATION PLAN 123** - Paul Hubbs  
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COMMENTS:

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has no comment or conditions.

Date \_\_\_\_\_ Name M. Gray

COUNTY OF RIVERSIDE  
DEPT. OF FIRE PROTECTION  
PERMITS, CALIFORNIA  
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FIRE PREVENTION

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DATE: 12-3-87 SIGNATURE M. Gray

PLEASE print name and title MICHAEL E. GRAY, Planning Officer

# County of Riverside

## DEPARTMENT OF HEALTH

TO: RIVERSIDE COUNTY PLANNING DEPT.  
ATTN: Steve Kupferman

DATE: 07-23-90

FROM: <sup>HW 7/23/90</sup> Earl Tuntland, Environmental Health Services Manager  
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COUNTY OF RIVERSIDE. DEPARTMENT OF BUILDING AND SAFETY

\*\*\*\*\* PLAN CHECK CORRECTIONS \*\*\*\*\*

+ DATE : 08/21/90

+ PREPARED BY: NEIL NILCHIAN *NN*

+ P/C LOG #: RP 123\_E

+ PHONE: 714-275-1820

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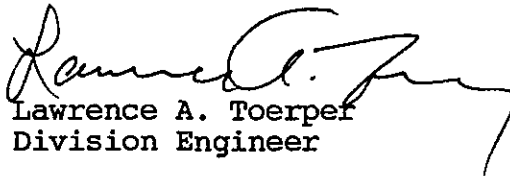
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Sincerely,

  
Lawrence A. Toerper  
Division Engineer

LT:RK:lg

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**AUG 16 1990**

**RIVERSIDE COUNTY  
PLANNING DEPARTMENT**

RIVERSIDE COUNTY FLOOD CONTROL AND  
WATER CONSERVATION DISTRICT

RIVERSIDE, CALIFORNIA 92502

August 24, 1990

Riverside County  
Planning Department  
County Administrative Center  
Riverside, California

Attention: County Geologist  
Steve Kupferman

Ladies and Gentlemen:

Re: Reclamation Plan 123  
Amended No. 1

This reclamation plan is proposed for the existing Pyrite Quarry, formally Stringfellow, located in the Glen Avon area. The 227.55 acre site is on the northwest side of Pyrite Street approximately 1/2 mile north of Interstate 60.

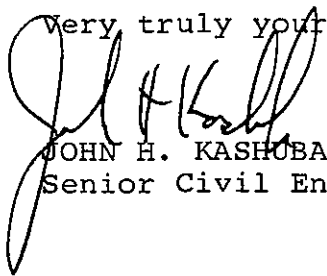
The majority of this site is not adversely affected by offsite flows. However, there is a natural watercourse which meanders along the western property line of this site. The cross-section taken at Line C shows that the proposed grading would cut into the natural containment of this watercourse. This would allow the flows to enter the site creating a diversion.

The grading operation should be redesigned in this area to ensure that the watercourse remains in its natural location. Diversions greater than 1 acre are not acceptable and would cause problems with the downstream facilities that may not be adequately sized to handle the additional flows.

Debris detention should also be considered for this site in order to avoid the deposition of debris on downstream owners and facilities.

Questions concerning this matter may be referred to Zully Smith of this office at 714/275-1213.

Very truly yours,

  
JOHN H. KASHUBA  
Senior Civil Engineer

c: Hubbs Construction

ZS:pln

cc: Karen Ueno, U.S. EPA



## DEPARTMENT OF HEALTH SERVICES

714/744 P STREET

P.O. BOX 942732

SACRAMENTO, CA 94234-7320

RECEIVED

SEP 17 1990



(916) 323-3417

RIVERSIDE COUNTY September 11, 1990  
PLANNING DEPARTMENT

Mr. Steve Kupferman  
Riverside County Planning Department  
4080 Lemon Street, 9th Floor  
Riverside, CA 92501

Dear Mr. Kupferman:

Staff of the California Department of Health Services (Department) have reviewed the Reclamation Plan for the Stringfellow Quarry and have several comments on the plans for quarry reclamation. The Stringfellow Hazardous Waste Site sits upgradient and is adjoining the Hubbs Quarry. The Department and the U.S. Environmental Protection Agency (EPA) are working toward mitigation of the Stringfellow Site, but have not yet completed studies required to determine what cleanup technologies will be used for the onsite area (Zone 1 in the attached map.) It is anticipated that a decision to begin the Zone 1 remediation will be made in 1991. As long as there are contaminated soils remaining on site, the Department and EPA will conduct a five year review of the mitigation measures available for implementation at the Site. Further mitigation may be recommended following each or any of these reviews. It is very difficult to comment upon the impact of the quarry on cleanup of the Stringfellow Site or the impact of the cleanup of the Stringfellow Site on the quarry without knowing what mitigation measures will be implemented. In the interim, the Department makes the following comments:

1. The Department is concerned over the extent to which the quarry will be mined during the thirty years of operation depicted in the reclamation plans. The quarry mining will extend very close to, and possibly into, the areas of contaminated soils and rock. The mining operation will expose vertical walls which may contain fractures that connect to Zone 1 and may weep contaminated leachate into the quarry area. If these conditions are encountered, staff of the Department should be notified. It may also be necessary to sample and analyze this material to determine if it is a hazardous substance.
2. If, during mining operations, unknown materials are encountered, the Department should be notified, the material should be sampled, and disposal of the material should await the results of analysis.

Mr. Steve Kupferman  
September 11, 1990  
Page Two

3. The Department is also concerned that quarry or mining operations not interfere with, or result in the damage of DHS or EPA equipment or wells, and that any wells that are already damaged be restored.
4. Sampling and analysis of soil surrounding the bunkers should be done before the bunkers are destroyed or the surrounding soil/rock is mined.
5. All analysis done in accordance with the recommendations of the Department should be done by a California certified hazardous materials lab. A copy of all analytical results should be sent to the Department prior to the removal or movement of the material sampled.
6. The Department is not aware of any operating ordinance manufacturing facilities in the canyon (Item 5.)
7. The Pyrite Channel should be maintained and cleared of vegetation and debris yearly.
8. Blasting should be controlled so that no fly rock and minimal dust is allowed to be deposited on Stringfellow remediation facilities. Ground motions should not exceed 0.50 ips at the pretreatment plant or within the fenced portion of the Stringfellow site.
9. During excavation for the surface water diversion channels, two gas pockets were encountered. These gas pockets may originate from volatilization of the contaminants in the underlying contaminated groundwater. Hubbs should not conduct excavation within 300' of Pyrite Creek without air monitoring and a contingency plan prepared by an industrial hygienist.

The Department's comments are based upon current information and plans for remediation of the Stringfellow site.

Sincerely,



Beth Jines  
Special Projects

# Stringfellow

173 180 008-8

173 180 009-9

173 170 015-3

173 180 003-3

173 170 013-X

173 170 006-5

122.61

9.55

69.14

10.65

2.01

13.59

227.55

## COUNTY COUNSEL

GERALD J. GEERLINGS



## Memorandum

August 8, 1989

TO: Melba Dunlap, Supervisor, District II  
Tom Ingram, Director, Building & Safety  
Glen Newman, County Fire Warden  
Mark Baly's, Deputy Director, Planning  
Steve Kupferman, Engineering Geologist, Planning

FROM: JSR  
Joe S. Rank, Deputy County Counsel

RE: Regulation of "Blasting" Connected with Surface Mining Operations

Pursuant to the meeting of July 21, 1989, we have roughed out the proposed amendments to Riverside County Ordinance No. 555.

As far as time of blasting and other related conditions are concerned, it would seem appropriate to have those stated on the permit. We have attached the forms currently used by the Sheriff's Department. Included is a copy of the procedures followed, the current list of permittees in the Riverside City area and the number of permittees in the areas of the County.

In our discussion with individuals in the Sheriff's Department, it was their opinion that land use would be the appropriate issuing authority for permits.

After reviewing the attached information, it may be appropriate to meet once again and establish ongoing policies and procedures for blasting, as well as review other possible controls.

JSR:bln  
251LIT

Encl

RECEIVED  
AUG 9 1989

RIVERSIDE COUNTY  
PLANNING DEPARTMENT

ORDINANCE NO. 555.

AN ORDINANCE OF THE COUNTY OF RIVERSIDE  
IMPLEMENTING THE SURFACE MINING

AND RECLAMATION ACT OF 1975

The Board of Supervisors of the County of Riverside  
Ordains as Follows:

Section 1. Section 6 is amended to include subsection  
h., which reads as follows:

h. If any explosives, as defined in Health & Safety  
Code §12000, are to be used in conjunction with a surface mining  
operation, it shall be the permittee's (as defined in Health &  
Safety Code §12101) responsibility to comply with the following  
provisions:

(1) Application for a permit <sup>blasting</sup> shall be on such form  
as prescribed by the issuing authority which includes  
any amendments that may from time to time be adopted by  
such issuing authority.

(2) At least three (3) days prior to any blasting,  
all individuals residing or having a business within  
1,000 feet of the proposed blasting location, the  
issuing authority, and the County Department of Building  
& Safety, shall be notified, by means reasonably  
calculated to allow for actual notice, of the proposed  
date and time of the scheduled blasting.

(3) A record of each blast, including  
seismographic data, shall be retained for at least two  
(2) years and shall be available for inspection by the

DRAFT

County of Riverside. Such record shall contain the following data:

- (a) Location, date and time of blast.
- (b) Name, signature and license number of blaster-in-charge.
- (c) Direction and distance, in feet, to the nearest improvement and residence.
- (d) Weather conditions, including temperature, wind direction and approximate velocity.
- (e) Number of holes, burden and spacing.
- (f) Diameter and depth of holes.
- (g) Types of explosives used.
- (h) Total weight of explosives used.
- (i) Maximum weight of explosives detonated within any 8-milliseconds period.
- (j) Maximum number of holes detonated within any 8-milliseconds period.
- (k) Type of initiation system.
- (l) Type and length of stemming.
- (m) Type of delay detonator and delay periods used.
- (n) Sketch of the delay pattern.
- (o) Seismogram including the calibration signal of the gain setting and:
  - [1] Seismographic reading, including location of seismographic and its distance from the blast;

DRAFT

[2] Name of the person taking the  
seismographic reading; and

[3] Name of the person and firm  
analyzing the seismographic record.

Section 2. This ordinance shall become effective thirty  
days after adoption.

JSR:bln  
4206LIT  
8/2/89

### EXPLOSIVE APPLICATION/PERMIT PROCESS

1. Applicant desires permit.
  - a. Must be person(s) conducting the blasting *Call OSHA*
  - b. Must have valid State of California Blasting License or documentation certifying the applicant has successfully completed the state examination for blasters license.
2. Applicant to contact Sheriff accounting and finance department.
  - a. \$15.00 for permit.
  - b. \$23.50 for photo, fingerprinting and processing
  - c. Applicant pays a total of \$38.50, payable to "Riverside County Sheriff". Payment must be cash or a money order, no personal checks allowed.
  - d. Applicant receives a receipt for the amount of payment which is presented the blasting investigator for verification.
3. Applicant to contact Sheriff station of jurisdiction where blasting is to occur.
  - a. Completes "Explosive Application and Permit" and the "Fingerprint Information Sheet". (This is accomplished by the investigator assigned to the blasting permit function).
  - b. Application is fingerprinted, two copies, and photographed at the sheriff station of jurisdiction ( In Riverside this will be accomplished at Sheriff Information Service Bureau).
  - c. Fingerprints, and photos are forwarded to California "Department of Justice" for processing. The fingerprint information sheet is forwarded to the Information Service Bureau in Riverside.
  - d. Applicant is advised the permit will be valid in 15 days contingent on the results from the D.O.J. check.
4. Applicant will be directed to contact Riverside County Fire Department.
  - a. Must take with him/her a map of the location where the blasting will occur.
  - b. Must notify the Fire station in the initial response area of the date and time of the blasting.



5. Hazardous Device Team

- a. H.D.T. to conduct an inspection of the site bunkers. Inspection will be arranged by the investigator handling the blasting permit.
- b. H.D.T. to notify the investigator of the results of their inspection.

6. Other Agencies to be Notified by explosive investigator.

- a. California Department of Forestry
- b. California Highway Patrol ( if they are to be affected )
- c. Riverside County Sheriff ( affected station, if that station is not issuing the permit).

7. Miscellaneous information

- a. Permit will be issued to applicant in 15 days.
- b. Permit to be valid for one year from date of issuance.
- c. Renewal for permit will be the same process, and cost, as the initial permit.
- d. If any additional people are to be listed on the permit, each person will have to be processed and pay the \$23.50 processing fee. Their names will be added to the permit.
- e. The permit will be valid for the County of Riverside only. Cities contracted to Riverside Sheriff do not fall under these guidelines. Persons applying for blasting permits in contract cities are to be referred to the individual city for permits. *Fire Dept*
- f. The permit holder must notify the sheriff station of jurisdiction prior to every blast.
- g. Information contained on the permit application to remain confidential.
- h. A copy of the permit must be on-site when blasting occurs.

EXPLOSIVE PERMITS

<u>NAME</u>	<u>FILE NUMBER</u>	<u>EXPIRED</u>
Alderhorst Dog Training David John Reaver 3951 Veron Riverside, Ca. 92509 HM- (714) 685-1997 WK- (714) 685-2430	ER89038050	2/20/90
A & W Contractors Arthur Allen Wallace 334 Tamarak Ave. Escondido, Ca. 92506 (619) 734-6075	ER88257056	9/26/89
Marvin Lane Beamon 1015 West 5th Street San Bernardino, Ca. 92411 HM (714) 874-0957 WK (714) 884-8388 Msg (714) 888-7006	ER89060032	3/14/90
Tom C. Dyke John Elias Rios P.O. Box 352 Alpine, Ca. 92001 HM (619) 443-5908 WK (619) 445-2270	ER88147075 ER89067037	6/9/89 3/21/90
EMC Systems Gregory Marr P.O. Box 1386 Victorville, Ca. 92392 WK (619) 245-2052	ER89023051	2/5/90



Tommy Edward Fairfax 26382 Ives Way El Toro, Ca. 92630 HM (714) 458-7612 WK (714) 770-2635	ER88263044	10/3/89
Goffman & McCormick John James McCormick 22822 Granite Way Laguna Hills, Ca. 92653 HM (714) 552-3224 WK (714) 951-1808	ER88245030	9/14/89
Emmett Carl Harder 18201 Muriel Ave San Bernardino, Ca. 92407 HM (714) 887-3436	ER89059035	3/13/90
James Marvin Hurst 12171 Telephone #2 Chino, Ca, 91710 HM (714) 591-9685	ER88209079	7/10/89
M.J. Baxter Drilling Terrence George Barrett 12485 Hwy 67 Lakeside, Ca. 92040 HM (619) 562-0786 WK (619) 443-7800	ER88231053	8/31/89
Woodward Clyde Consultant Ronald Loves Mees 203 N. Golden Circle Santa Ana, Ca. 92705 HM (714) 628-7676 WK (714) 835-6886	ER89045039	2/27/90
Merlin Johnson Construction Merlin Kenneth Johnson P.O. BOX 777 Mentone, CA, 92359 HM (714) 794-1390 WK (714) 794-4772 Msg (714) 794-7702	ER88029067	11/13/89

Everett Carl Love 11247 Royal Palm Riverside, Ca. HM (714) 687-3169	ER88168031 ER89038038	6/30/89 2/20/90
Romo Loui Cortez Romo 773 South 7th Colton, Ca. 92324 HM (714) 825-8162	ER89059044	3/13/90
Nicholas Rose 4150 Chicago Riverside, Ca. 92506 HM (714) 783-0143 WK (714) 351-6684	ER88236080	9/6/89
Rock Tech Jonathan Carl Byrd 989 W 7th Street San Jacinto, CA. 92383 HM (714) 654-8626 WK Same As Home	ER89003041	2/10/90
Edwin Eugene Santee 21212 Regal Vista Ct. Lake Mathews, Ca. 92370 HM (714) 780-7287 WK (818) 331-3371	ER88242080	9/12/89
Spirit Drilling & Blasting David Scott Lucas 11169 Caribou Ave Apple Valley, Ca. 92307 HM (619) 240-4478 WK (619) 240-4099	ER89017026	1/30/90
Brain David Verona 1339 Elderberry Ave. Ontario CA, 91762 HM (714) 981-8729	ER88124058 ER89041082	5/17/89 2/23/90

Donald Darwin Watts 2750 W. Acacia Sp. H17 Hemet, Ca. 92343 HM (714) 925-5052 WK (714) 737-3575	ER88096037	4/19/89
E L Yeager Construction Daniel Boone Hunter 1995 Agua Mansa Riverside, Ca. 92501 HM (714) 797-0446 WK (714) 684-5360	ER89089056	4/12/90
California Drilling & Blasting Billy Ray Adair 4144 N. Arden Elmonte, Ca. 91731 HM (619) 253-3675 WK (619) 443-0310 Msg (213) 283-6770	ER88319047	11/28/89
Robbin Christianson 10660 Lind Ave Loma Linda, Ca. 92354 HM (714) 796-2867	ER88343047	12/22/89
Eject Blasting Service Paul Frances Goethals 7431 Magnolia Ave #108 Riverside, Ca. 92504 HM (714) 359-7789 Msg (714) 359-7782	ER88202043	8/4/89
Inland Valley Construction Kenneth Ralph Carvso 8969 Veron Ave Montclair, Ca. 91763 HM (714) 946-5310 WK (714) 985-9821	ER88166089	6/27/89
Raymond Leon McCully 18482 San Bernardino Ave Boomingtown, Ca. HM (714) 829-2819 Car Phone (714) 321-5114	ER88328037	12/7/89

Corona Rock Company  
Santiago Rodriquez Jr.  
P.O Box 2229  
Corona Ca. 91719-2229  
HM (714) 654-9821  
WK (714) 736-7600

ER88246047

9/15/89

Herbert Holt  
2623 Yorba Linda Blvd  
Fullerton, Ca.  
HM (714) 526-6721  
WK (714) 995-1133

ER88271059

10/11/89

Miles Drilling & Blasting  
Mason Edward Miles Jr.  
2301 Vineyard Ave.  
Escondido, Ca. 92025  
HM (619) 726-5452  
WK (619) 745-3794

ER88313050

11/22/89

Donald Alvin Capps  
11259 Sonora Trail  
Redding, Ca. 96003  
HM (916) 241-4735

ER88305074

11/13/89

Broco Inc.  
Douglass Smith  
2824 N. Locust Ave.  
Rialto, Ca. 92376  
WK (714) 350-4701

ER88123037

5/16/89

ER89038034

2/20/90

C.W. Poss Inc.  
Robert Woodbury  
2508 Woodland Dr.  
Anaheim, Ca. 95661  
HM (916) 791-2155  
WK (714) 995-1133  
Msg (714) 521-9220

ER88145079

10/5/89

3 M Corona Plant Paul Gray P.O. Box 1328 Corona, Ca. 91718 HM (714) 734-2762 WK (714) 737-3441	ER88132053 ER89041081	5/25/89 2/23/90
Hawley Corp James Earl Hawley 10700 Jersey Blvd. Suite 450 Rancho Cucamonga, Ca. 91730 HM (818) 335-2607 WK (714) 944-5111	ER88292045	11/3/89
Sukut Construction Mark Robert Fritzen P.O Box 8586 Canyon Lake, CA. 92380 HM (714) 244-3212 WK (714) 540-5351	ER89026091	2/8/90
Duane Lee Warnke 5874 Cindy Lane Riverside, CA. 92505 HM (714) 689-8985	ER89038039	2/20/90
Eugene Arthur Mills 7384 La Habra Ave Yucca Valley, CA.	ER89094064	4/18/90
Walter Thomas Watson 549 N D Street Perris, CA.	ER89102064	4/27/90



Kenneth John Joyce  
4116 Matthew Dr.  
Palm Springs, CA.

ER89075023

3/29/90

# EXPLOSIVE PERMITS

DET. TROSTER 1  
BANNING

DET. LOWE. 5  
BLYTHE

DET. ESTEY 5  
ELSIVORE

DET. CAMPBELL - 29  
HEMET

DET. HUMPHERY 0  
INDIO

MVID - 1  
SGT. CAMPBELL

STATE OF CALIFORNIA

OFFICE MEMO

STD. 100 (REV. 10/87)  
87 46331

DATE

12-1-89

TO:

Tallulah Sherer

ROOM/STA. NO.

FROM:

Beth Jones, DHS  
Stungilellow Project

PHONE NUMBER

ATSS ☐

916-327-0979

ROOM/STA. NO.

SUBJECT:

Shubbs Quarry blasting

Attached is a copy of a letter we sent to Mr. Boyd, counsel for the Shubbs regarding the most recent blasting. I have spoken with Mr. Boyd about the problems, as well as Cal OSHA.

The seismic-type monitoring re-confirmed our previous findings, that the blast vibrations are not strong enough to damage our equipment or wells. However, the fly rock from the second of the two blasts on 10-6-89 could have caused injury or damage to personnel and equipment. If you have any questions, please contact me at the number above. We will monitor the next blast which is tentatively scheduled for 12-14-89.

Put your thoughts to work. Submit a **MERIT AWARD SUGGESTION**.

RECEIVED

DEC 7 1989

RIVERSIDE COUNTY  
PLANNING DEPARTMENT

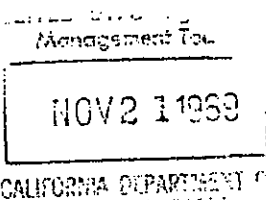
JOHN K. VAN DE KAMP  
Attorney General

State of California  
DEPARTMENT OF JUSTICE



3580 WILSHIRE BOULEVARD, ROOM 800  
LOS ANGELES 90010  
(213) 736-2304

November 15, 1989



(213) 736-2214

John Boyd, Esq.  
Thompson & Colegate  
3610 14th Street  
Riverside, California 92502

Dear Mr. Boyd:

United States, California v. Stringfellow, et al.  
U. S. D. C. No. CIV 83-2501 JMI

On Friday afternoon, ~~October 6, 1989~~, your client, Paul Hubbs, detonated two explosive blasts at his quarry in Glen Avon. With the assistance of consultants furnished by Ryland Associates, the Department of Health Services monitored these blasts for the purpose of determining whether they would pose any threat to the environment or to Department personnel or contractors working at the Stringfellow site. I'd like to take this opportunity to inform you not only of some problems that occurred, but also of the results of the monitoring. I hope you will accede to the Department's request that your client agree to coordinate the timing of future blasting with Department personnel.

Although the Department was told that the blasting would take place in the afternoon of October 6, they were not informed of the number of blasts or the approximate time they would take place. After learning that Friday morning that there would be two blasts -- one in the upper part of the north side of the quarry -- personnel from Lyles Construction had to cease work in the vicinity of the pretreatment plant.

The blasting took place between 2:10 and 2:30 p.m. Although it had been pre-arranged that there would be a five-second countdown prior to each blast, the first was not preceded by any countdown. Persons at the pretreatment plant noted a large amount of dust wafting into the air and moving over the plant after the first blast.

Between blasts, the notification procedures were clarified and a five-second countdown given prior to the second blast. The holes for this second blast were drilled into the top of the cliff face on the north hillside, at a higher elevation than previous blasts at the quarry. Once again, communications with Ryland Associates were confused and the five-second countdown was not given. This

almost prevented the second blast from being monitored.

Upon detonation, the explosives apparently channeled through fractures or joints in the rock and were released violently with a sharp crack similar to rifle fire. Fly rock, in some cases as large as baseballs, were hurled into the vicinity of the pretreatment area and channel area. This was precisely the location where Lyles Construction personnel had been working earlier in the day. Several pieces of rock were reported to have passed over the fence on the west side of Pyrite Street and the heads of spectators before impacting on the east side of the access road. Although no fly rock landed in the pretreatment plant area, pulverized rock fell at the plant coating the ground, the plant equipment, vehicles and offices. It took approximately 20 minutes for dust blown into the air from the second explosion to clear the air.

Both the Riverside County Fire Department, as well as the Riverside County Sheriff's Department, responded to the blasting.

Visual observations during monitoring indicated to the Department personnel that fly rock from blasting activities has the potential to cause harm certainly to workers in the area, as well as damage to machinery and equipment. Because of the proximity of the pretreatment plant to the north quarry face, there is an increased risk of such adverse consequences.

As the adjacent landowner, the State has the obligation to protect its personnel, contractors and property. Obviously, it is in the interest of your client, as well, to lessen the risk of harm to persons or damage to property. The Department believes that, by adhering to the following recommendations, the danger can be minimized.

- 1) Approximately two weeks prior to drilling, the company that will be performing the blasting should prepare a blasting plan and submit it to the State Stringfellow Project Engineering Geologist for review;
- 2) Future blasts should occur after 3:30 p.m., so that site and pretreatment plant personnel will not be working in the area;
- 3) Seismic monitoring should continue to ensure that vibration safety levels are maintained at a safe level;
- 4) The Riverside County Fire Department (Glen Avon Station) and the Sheriff's Department should be notified of impending blasts;
- 5) Blasts on the north quarry face should be smaller in

John Boyd, Esq.  
November 15, 1989  
Page 3

magnitude than this recent blast, so as to limit the possibility of fly rock damaging the pretreatment plant. The blast size, deck load and blast hole positioning should be determined in the blasting plan so as to maximize the scale distance. In order to minimize the potential for fly rock, the size of the individual deck loads may have to be decreased and the number of decks increased. The deck delay may need to be increased as well.

- 6) Because dust from the blast may possibly damage equipment at the pretreatment plant, future blasts ~~may~~ should be detonated when the winds will carry the dust away from the pretreatment plant.

In light of the damage to persons and property that can occur as a result of your client's blasting at the quarry, I am sure you will agree that these actions are reasonable. When we spoke on the telephone we both concurred that neither of us want to end up in court on this issue. Could you discuss the above requests with your client and let me know whether he will agree to the above measures.

Very truly yours,

JOHN K. VAN DE KAMP  
Attorney General



DONALD A. ROBINSON  
Deputy Attorney General

cc: Kenneth Moreno, Esq.  
Beth Jines  
Bryce Caughey, Esq.

## STRINGFELLOW QUARRY - RECLAMATION PLAN

### NOTE TO FILE:

Stringfellow Quarry is a vested surface mining operation per the Surface Mining and Reclamation Act of 1975 and Riverside County Ordinance 555. The owners of Stringfellow Quarry have been required to file a Reclamation Plan with Riverside County Planning Department as required by Ordinance 555. A Reclamation Plan has been filed but has not yet been approved.

The main purpose of the Reclamation Plan is to illustrate how the property would be reclaimed/improved following mining activity. A schedule for the reclamation would be determined by the Planning Department.

An annual inspection permit is required. Then it can be said that the main function of the Building and Safety Department is to inspect the property to monitor compliance with the conditions of approval as set by the Planning Department. Any substantial changes of the operating conditions could lead to a loss of vested rights and the need to file for a Surface Mining permit under Ordinance 555.

cc: Steve Kupferman  
Melba Dunlap, Supervisor District II

# County of Riverside

## DEPARTMENT OF HEALTH

**TO:** Supv. Dunlap  
2nd District  
Attn: Tallulah M. Shere

**DATE:** July 18, 1989

**FROM:** John M. Fanning, Director *JMF*  
Environmental Health Services

**RE:** Blasting Operations of Hubbs Quarry  
Environmental Health Responsibilities/Involvement

---

In response to your offices request this information is provided to highlight the responsibilities and involvement the Health Department-Environmental Health has regarding constituent concerns over blasting at the property known as Hubbs Quarry, located in Glen Avon.

The Health Department has no jurisdictional responsibility over blasting operations in Riverside County. Our involvement with this on going concern has only been in relation to complaints/concerns communicated to your office because of the proximity of the Stringfellow Acid Pits clean up operation.

Mr. Charles Strey of our Public Health Engineering Section has reviewed the matter extensively and coordinated information from the State D.O.H.S. engineering/geologist to respond to Mr. Sheldon's concerns. To that end our department has had no further involvement.

If you have any further questions regarding this matter please feel free to contact Mr. Charles Strey, Associate Engineer at 787-6543.

JMF/mdt

cc: Earl Tuntland  
Charles Strey



## DEPARTMENT OF HEALTH SERVICES

107 SOUTH BROADWAY, ROOM 7011  
LOS ANGELES, CA 90012  
(213) 620-2380



(916) 323-2945

December 3, 1987

Mr. Steve Kupferman  
Riverside County Planning Department  
4080 Lemon Street, 9th Floor  
Riverside, CA 92501

Dear Mr. Kupferman:

The State of California, Department of Health Services (DHS) owns several properties in the vicinity of the Stringfellow Quarry. In addition, DHS has lead responsibility for the mitigation of the Stringfellow Hazardous Waste Site also located next to the Stringfellow Quarry. During the course of investigation into the best mitigation method for the Stringfellow Site and pursuant to Health and Safety Code Section 25358.3, DHS and the Environmental Protection Agency, (EPA) installed several extraction and monitoring wells throughout Pyrite Canyon. During the course of operation of the Stringfellow Quarry, several of these wells have been buried under rocks and quarry debris and have been run over by trucks and rock moving equipment. This destruction of public property is a continuing problem and is substantially impeding the Department's efforts to protect the public health and safety. To help resolve these and other similar problems, the DHS recommends that, as part of the Stringfellow Quarry Reclamation Plan, the following items be included:

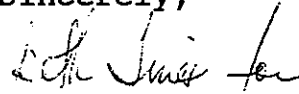
- o 1 No DHS/EPA monitoring or extraction wells or equipment be damaged or destroyed during reclamation or quarry operation.
- o 2 Reclamation and operation shall include the restoration of all EPA/DHS monitoring wells and equipment already damaged or destroyed by quarry operation.
- o 3 DHS will be reconstructing Pyrite Creek as it runs beside the quarry to divert surface water from the site area to the flood control channel near Highway 60. The quarry operation and reclamation process should not impact, alter or destroy this reconstruction project.
- o 4 The well used for quarry operation water supply should be tested for chemical contamination yearly. If water usage from the well exceeds 20 gallons per day, the water should be tested quarterly to insure appropriate usage for quarry operations.

Mr. Steve Kupferman  
December 3, 1987  
Page two

- o 5 The Pyrite Creek channel should be maintained and cleared of vegetation yearly.
- o 6 The property owner should notify the County of any spills of fuels or other chemicals which may occur during operation or reclamation.
- o 7 The property owner shall provide access to DHS/EPA monitoring and extraction wells as necessary for site and extraction system operation during and after the reclamation project. This access shall include sufficient area around each well for truck access.

I appreciate the opportunity to comment on this reclamation plan and hope these recommendations may be included in the eventual quarry closure plan. If you have any questions, please contact Beth Jines of my staff, at (916) 323-2990.

Sincerely,



Ted Rauh, Manager  
Stringfellow Project

# County of Riverside

DEPARTMENT OF HEALTH

RECEIVED  
NOV 17 1987  
11-13-87

TO:

RIVERSIDE COUNTY PLANNING DEPT.  
Steve Kupferman, Geologist

DATE:

RIVERSIDE COUNTY  
PLANNING DEPARTMENT

FROM:

~~11-16-87~~  
Earl Tuntland, Environmental Health Services Manager

RE:

RECLAMATION PLAN 123

---

Environmental Health Services (EHS) has reviewed the proposed Reclamation Plan No. 123 for the Stringfellow Quarry and we have the following comments:

1. The plan should encompass approximately 60 acres as indicated on Appendix D, rather than the 227.55 acres noted on the cover memo. Environmental Health Services comments reflect the quarry area only and does not address the Stringfellow disposal site area.
2. Drainage (surface) from the quarry area should be directed well away from the Stringfellow site area and should be coordinated with the State Department of Health Services, Toxic Substances Control Division, Stringfellow Site Management Team and the Riverside County Flood Control and Water Conservation District.
3. Any future blasting activities should be coordinated with the State Department of Health Services to assess impacts to the Stringfellow site.

If you have any questions concerning our comments, please contact me at 787-6543.

ET:tac

cc: State Department of Health Services  
Toxic Substances Control Division  
ATTN: Mr. Ted Rawh  
John Fanning, Director  
Environmental Health Services

STEVEN KUPFERMAN  
RIVERSIDE COUNTY GEOLGIST  
4080 LEMON STREET  
RIVERSIDE, CA.

RECEIVED  
OCT 2 1989

RIVERSIDE COUNTY  
PLANNING DEPARTMENT

RE: DRILLING AND BLASTING ACTIVITY AT THE HUBBS QUARRY.  
ORDINANCE 555

MR. KUPFERMAN:

THE FOLLOWING IS A RECAP OF OUR CONVERSATIONS DURING THE PAST YEAR AND FACTS RELEVANT TO THIS ISSUE.

JANUARY 24, 1989:

I MET WITH YOU CONCERNING BLASTING ACTIVITY AT THE HUBBS QUARRY. YOU STATED THAT YOU WERE CONCERNED ABOUT THE EFFECTS ON THE WELLS AT THE STRINGFELLOW TOXIC DUMP. YOU STATED THAT YOU THOUGHT THE REMOVAL OF OVERBURDEN AND ROCK WOULD HAVE DETRIMENTAL EFFECT ON THE ALREADY FRACTURED BEDROCK. YOU STATED THAT HUBBS WAS BLASTING 1 TIME PER YEAR YIELDING 11,000 TONS.

FEBRUARY 1, 1989:

I INFORMED YOU THAT A BLAST HAD OCCURRED AT THE HUBBS QUARRY ON MONDAY, JANUARY 30, 1989. YOU STATED THAT YOU HAD NOT BEEN INFORMED OF A BLAST. YOU STATED THAT IF HUBBS INTENDED TO EXPAND THEIR OPERATION THAT YOU WOULD REQUIRE AN E.I.R. AND VIBRATION STUDIES. YOU STATED THAT THESE REQUIREMENTS WOULD MAKE IT VERY DIFFICULT FOR THEM TO EXPAND.

FEBRUARY 25, 1989:

YOU STATED TO ME THAT YOU THOUGHT MY CONCERNS WERE VALID.

APRIL 7, 1989:

HUBBS DETONATES 30,000 LBS. OF EXPLOSIVE AT THEIR QUARRY.

JUNE 25, 1989:

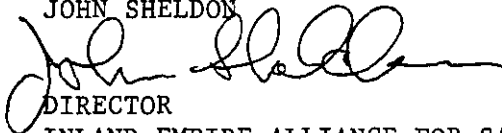
AT THE STRINGFELLOW COMMUNITY MEETING, WE DISCUSSED THE DEFINITIONS OF SUBSTANTIAL CHANGE IN REGARDS TO HUBBS MINING ACTIVITY AND MINING ORDINANCE 555. YOU STATED THAT YOU HAD TAKEN A SURVEY OF OTHER COUNTIES IN CALIFORNIA AND FOUND THAT SOME WILL NOT ALLOW UPGRADING AS HUBBS HAS DONE IN 1988 AND 1989.

EVEN AS YOU READ THIS LETTER, ACTIVITY AT THE HUBBS QUARRY IS BOOMING. LAST WEEK THEY POSITIONED FOUR DRILLS AT THE SOUTH SIDE OF THE QUARRY AND BEGAN TO DRILL. NEW LOADERS HAVE BEEN MOVED IN AND HAVE BEEN IN OPERATION DAILY. TRUCKS LOADED WITH RIPRAP HAVE BEEN LEAVING THE QUARRY AT THE RATE OF 1 TRUCK EVERY 7 MINUTES, 8 TO 10 HOURS PER DAY. THE SHAPE OF THE QUARRY HAS CHANGED DRASTICALLY SINCE JANUARY 1989 AS VISUAL INSPECTION WILL CLEARLY INDICATE .

THIS EXPANSION AT THE HUBBS QUARRY IS A CLEAR AND FLAGRANT VIOLATION OF MINING ORDINANCE 555! THIS ORDINANCE MUST BE ENFORCED! IN VEIW OF THE CURRENT EXPANSION ACTIVITY AT THE HUBBS QUARRY, THE COUNTYS' HISTORICAL RECORDS REFERRING TO MONITORING OF QUARRY ACTIVITIES MUST BE COMPARED TO THE RECENT UPGRADES. WHAT ACTIONS WILL YOU TAKE? WILL YOU INVESTIGATE THE SUBSTANTIAL CHANGES TAKING PLACE AT THE HUBBS QUARRY, IF SO HOW AND WHEN? WILL YOU CONTINUE TO BE ON THE RECORD SUPPORTING EFFORTS TO STOP THE DRILLING AND BLASTING ACTIVITY AT THE HUBBS QUARRY? THIS ISSUE WILL NOT GO AWAY, NOW IS THE TIME TO GO ON RECORD WITH YOUR POSITION CONCERNING HUBBS MINING ACTIVITY NEXT TO THE STRINGFELLOW TOXIC DUMP. I WILL EXPECT YOUR RESPONSE WITHIN 10 DAYS OR ASSUME THAT YOU WILL CONTINUE TO DO NOTHING AND STAND IDLE WHILE HUBBS OPERATES OUTSIDE THE LIMITS OF THE LAW.

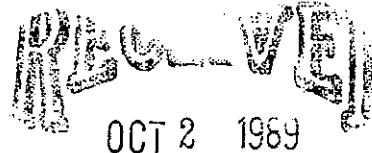
ON SEPTEMBER 12,1989 YOU TOLD ME TO STAY ON THE ISSUE OF MINING ORDINANCE 555 AND YOU WILL SHUT HUBBS DOWN. THE FACTS ARE CLEAR, HUBBS HAS VIOLATED ORDINANCE 555 AND MUST BE SHUT DOWN.

JOHN SHELDON



DIRECTOR

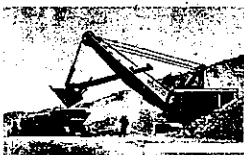
INLAND EMPIRE ALLIANCE FOR SAFE WATER



OCT 2 1989

RIVERSIDE COUNTY  
PLANNING DEPARTMENT

RECIEVED BY \_\_\_\_\_ DATE/TIME \_\_\_\_\_



## PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"

140 WEST VALLEY BLVD. • RIALTO, CALIFORNIA 92376

TELEPHONE (714) 877-2726

JULY 20, 1990

RIVERSIDE COUNTY PLANNING DEPARTMENT  
4080 LEMON STREET 9TH FLOOR  
RIVERSIDE, CA. 92501

ATTENTION: PLANNING DIRECTOR;  
ENGINEERING GEOLOGIST

SUBJECT: RECLAMATION PLAN, PYRITE QUARRY  
(FORMERLY STRINGFELLOW)

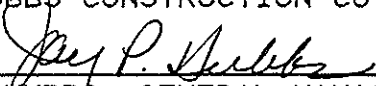
GENTLEMEN,

AS REQUESTED BY NIEL A NILCHIAN, DIVISION ENGINEER FOR COUNTY OF RIVERSIDE DEPARTMENT OF BUILDING & SAFETY, THIS PAGE SHOULD BE ADDED TO AND MADE A PART OF OUR RECLAMATION PLAN DATED MAY 25, 1990.

BOTH THE PROPERTY KNOWN AS PYRITE QUARRY, AND THE APPLICANT, PAUL HUBBS CONSTRUCTION CO. ARE OWNED BY: PAUL J. & LUCILLE HUBBS  
140 W. VALLEY BLVD.  
RIALTO, CA. 92376  
(714) 877-2726

SINCERELY,

PAUL HUBBS CONSTRUCTION CO.

  
JAY P. HUBBS, GENERAL MANAGER

June 28, 1990

# RIVERSIDE COUNTY PLANNING DEPARTMENT

Paul Hubbs Construction Company  
140 West Valley Boulevard  
Rialto, CA 92376

Attention: Mr. Jay Hubbs

Subject: Reclamation Plan No. 123  
Stringfellow Quarry

Dear Mr. Hubbs:

This letter is to remind you that as of July 1, 1990 you will have to cease surface mining at this vested surface mining operation until you have a reclamation plan approved by Riverside County pursuant to the Surface Mining and Reclamation Act (SMARA).

Your reclamation plan was submitted to Riverside County on October 23, 1987. Subsequently, a letter was sent to you requesting additional information and a revised reclamation plan (letter attached). As of this date you have not yet responded to that request.

When you submit your revised reclamation plan we will then continue to review and hopefully approve your reclamation plan in accordance with SMARA and Ordinance 555.

Once you have an approved reclamation plan, you may then continue to operate as a vested surface mining operation so long as no substantial change occurs in your operation. A substantial change would require granting of a surface mining permit pursuant to Riverside County Ordinance No. 555.

Also enclosed is a copy of Ordinance 555, SMARA and the March 30, 1990 letter from the State Mining and Geology Board. Please do not hesitate to call me at (714) 275-3290 if you have any questions concerning this matter.

Very truly yours,

RIVERSIDE COUNTY PLANNING DEPARTMENT  
Joseph A. Richards, Planning Director



Steven A. Kupferman, Engineering Geologist

SAK:al

cc: Supervisor Melba Dunlap - Second District  
Tony Ramsamooj - Department of Building & Safety  
Katherine Lind - County Counsel  
James A. Anderson - State Mining and Geology Board

# Via Central Messenger Stop List RIVERSIDE

**TO:**

STOP	DEPARTMENT	STOP	DEPARTMENT	STOP	DEPARTMENT
1020	ADMINISTRATIVE OFFICE	3890	GENERAL HOSPITAL	2360	MUNICIPAL COURT RIVERSIDE
1250	AGRICULTURAL COMM	3890	MIA TRAILER R-1	2580	OFFICE ON AGING
1100	ASSESSOR	2630	GRAND JURY	3970	PARKS
1050	AUDITOR	2320	HEALTH SERVICES	1150	PERSONNEL
1160	AUDITOR PAYROLL	3760	HOUSING AUTHORITY	1190	PERSONNEL EMPL BENEF
2540	AUTOMOTIVE MAINTENANCE	2570	J T P A	3709	PERSONNEL CAREER OP D
2560	AVIATION	2300	JURY COMM	1070	PLANNING
1001	BOARD OF SUPERVISORS	3940	JUVENILE COURT	3702	PRINTING SERVICES
2600	BUILDING SERVICES	3900	JUVENILE HALL	2470	PROBATION
1130	BUILDING & SAFETY DISTRICT	3860	JUVENILE TRAFFIC	3910	PROBATION JUVENILE DIV.
3715	BUILDING SAFETY ADMIN.	1030	LAFCO	3700	PUBLIC ADMINISTRATOR
1090	CAFETERIA	2340	LAW LIBRARY	2520	PUBLIC DEFENDER
1230	CENTRAL MAIL	2530	MARSHAL RIVERSIDE	3850	PUBLIC DEFENDER JUVEN
1010	CLERK OF THE BOARD	3800	MN HLTH ACCTNG SERV	3701	PURCHASING
3740	COMMUNICATIONS	3790	MN HLTH ADMINISTRATION	1220	QUICK PRINT
1055	COM CAC 11TH FLOOR	3810	MN HLTH ADULT SERVICES	1040	REDEVELOPMENT
2590	COMMUNITY ACTION	2610	MN HLTH ALCOHOL CONTROL	2510	REGISTRAR OF VOTERS
2480	CORONER	3730	MN HLTH ALCOHOL DETOX CTR	1080	ROAD DEPARTMENT
2420	COUNTY CLERK	3920	MN HLTH CHILDREN RES	1260	ROAD D.P. BASEMENT, RM.
2640	CNTY CLERK APPEALS SECT	3710	MN HLTH CHILDRENS TREAT	1170	SAFETY
1140	COUNTY CLERK RECORDER	2400	MN HLTH CONSERVATORSHIP	3980	SHERIFF ACADEMY OF JUE
2620	CNTY CLERK CRIMINAL FILE	2390	MN HLTH CONT COMM CARE	2450	SHERIFF ADMIN. 4050 Mai
2350	COUNTY COUNSEL	3750	MN HLTH CONT COMM CARE	2500	SHERIFF ACCT. & FINANCE
5001	CO-OP EXTENSION	3811	MN HLTH CRISIS/OUTPATIENT	2490	SHERIFF CAL ID
3720	DPSS	3820	MN HLTH DATA PROCESSING	2504	SHERIFF CIVIL BUREAU
2370	DA FAMILY SUPPORT	2380	MN HLTH DRUG ABUSE	3745	SHERIFF DISPATCH
2560	DATA PROCESSING, BROCKTON	3931	MN HLTH FORENSICS	2505	SHERIFF JAIL PLANNING
1060	DATA PROCESSING 10th FLOOR	3870	MN HLTH GENERAL HOSPITAL	3747	SHERIFF PATROL & INVEST
3895	DATA PROCESSING RGH	3770	MN HLTH JEFFERSON HOUSE	2410	SUPER. COURT CRIMINAL I
1115	DEFERRED COMP.	3780	MN HLTH MATL MNGMT	2430	SUPER. COURT FAMILY LAV
1120	DISTRICT ATTORNEY	3930	MN HLTH OLDER ADULT	3703	SUPPLY SERVICES
2330	ECONOMIC COMMUNITY DEV	3830	MN HLTH PATIENT RIGHTS	1110	TAX COLLECTOR/TREASUR
1210	EMERGENCY SERVICES (FIRE)	3831	MN HLTH PERSONNEL	3871	VAN HORN YOUTH CENTER
2440	EXEC OFF/JURY COMM	1200	MN HLTH PUBLIC GUARDIAN	2310	VETERANS SERVICES
2550	FAMILY LAW	3840	MN HLTH VOLUNTEER SERV	3950	WASTE DISPOSAL
1240	FIRE PLANNING & ENG	3960	MUNICIPAL COURT JURUPA	3705	WEIGHTS & MEASURES
3990	FLOOD CONTROL			1180	WORKER'S COMPENSATION

**ATTENTION:**

*Mark Balys*

**DATE:**

*12-6-89*

**FROM:**

*Supervisor Dunlap*

**Attn:**

*T. Sherer*

**PLEASE highlight mail at number and department name. Use attention line(s) to assist intramail stop routing.**

General Form 33 (12-88) Reorder #1  
02-0033



# Via Central Messenger Stop List

## RIVERSIDE COUNTY LOCATIONS

### Central and Eastern Areas

#### TO:

STOP	DEPARTMENT	STOP	DEPARTMENT
------	------------	------	------------

#### **BANNING**

5010 ALL DEPTS. NOT LISTED  
 5011 ASSESSOR'S OFFICE  
 5012 BUILDING & SAFETY  
 5013 DISTRICT ATTORNEY'S OFFICE  
 5015 DA FAMILY SUPPORT  
 For Banning Departments not listed use  
 STOP #5010 and call the person getting  
 the mail and ask them to pick it up  
 at PROBATION.

#### **BLYTHE**

4095 ALL DEPTS. NOT LISTED  
 For BLYTHE Departments not listed use  
 STOP #4095 and call the person getting  
 the mail and ask them to pick it up at the  
 CAC RECEPTION DESK.

#### **CORONA**

5050 ALL DEPTS. NOT LISTED  
 Room 102

#### **COACHELLA**

4005 AGRICULTURAL COMM.  
 4010 CO-OP EXTENSION

#### **DESERT CENTER**

4090 CSA #51

#### **HEMET**

5020 ALL DEPTS. NOT LISTED  
 5025 BUILDING & SAFETY  
 For HEMET Departments not listed use  
 STOP #5020 and call the person getting  
 the mail and ask them to pick it up at  
 the ASSESSOR'S OFFICE.

#### **INDIO**

4055 ALL DEPARTMENTS NOT LISTED  
 4015 ASSESSOR  
 4050 AUTOMOTIVE MAINTENANCE  
 4042 BOARD OF SUPERVISORS  
 4055 BUILDING SERVICES  
 4036 BUILDING & SAFETY  
 4030 COMMUNICATIONS  
 4040 CORONER  
 4034 COUNTY CLERK  
 4020 DA FAMILY SUPPORT  
 4080 J T P A  
 4065 JUVENILE HALL  
 4031 LAW LIBRARY  
 4075 MARSHAL DESERT  
 4070 MUNICIPAL COURT DESERT  
 4060 NATIONAL DATE FESTIVAL  
 4035 PLANNING  
 4037 PROBATION  
 4041 PUBLIC DEFENDER  
 4032 ROAD DEPARTMENT  
 4025 SHERIFF  
 4033 SUPERIOR COURT  
 4039 VETERANS SERVICES  
 For INDIO departments not listed use  
 STOP #4055 and call the person getting the mail  
 and ask them to pick it up at CAC Room 312.

#### **LAKE ELSINORE**

5040 ALL DEPTS. NOT LISTED  
 For LAKE ELSINORE Departments not listed  
 use STOP #5040 and call the person getting  
 the mail and ask them to pick it up at  
 the SHERIFF'S DEPT.

#### **PALM SPRINGS**

4000 ALL DEPTS. NOT LISTED  
 4001 MUNI. COURT DESERT, ADMIN.  
 For PALM SPRINGS Departments not listed  
 use STOP #4000 and call the person getting  
 the mail and ask them to pick it up at the  
 ASSESSOR'S OFFICE.

#### **PERRIS**

5030 ALL DEPTS. NOT LISTED  
 5035 BUILDING & SAFETY  
 5036 FIRE PROTECTION, ADMIN.  
 For PERRIS Departments not listed use  
 STOP #5030 and call the person getting the  
 mail and ask them to pick it up at MUNI COURT.

**ATTENTION:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**FROM:** \_\_\_\_\_

**PLEASE highlight mail stop number and  
 department name. Use attention line(s)  
 to assist intramail stop routing.**

General Form 33 (12-88) Reorder # 11-02-0033

**RIVERSIDE COUNTY**  
**PLANNING DEPARTMENT**  
County Administrative Center  
4080 Lemon Street, 9th Floor  
Riverside, CA 92501-3657  
Telephone (714) 787-6181

**RECLAMATION PLAN**  
**SURFACE MINING PERMIT APPLICATION**  
Ordinance 555

Please print or type all requested information.  
Incomplete application and/or inaccurate exhibits will not be accepted.

1. NAME OF MINE: PAUL HUBBS / STRINGFELLOW ROCK QUARRY

LOCATION OF MINE (Street Address, etc): 3500 PYRITE ROAD, GLEN AVON  
ONE MILE NORTH OF I-60

2. OPERATOR: PAUL HUBBS CONSTRUCTION COMPANY

MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

3. APPLICANT: PAUL HUBBS CONSTRUCTION COMPANY

MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: If more than one person is involved in the ownership of the property, a separate page must be attached to this application which lists the names and addresses of all persons having interest in the ownership of mineral rights.

4. LAND OWNER: PAUL J. HUBBS

MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: All applicants for surface mining permit who are not also the record owners(s) of the property must submit a signed statement by the property/mineral rights owner(s) authorizing them to act on the owner's behalf.

5. REPRESENTATIVE: PAUL HUBBS CONSTRUCTION COMPANY

MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: The Planning Department will only mail correspondence regarding a surface mining permit to the person identified above as the representative. The representative may be the land owner, consultant, or agent. A name, address and phone number must be provided for a surface mining permit application to be acceptable.

6. OWNER OF MINERAL RIGHTS: PAUL HUBBS CONSTRUCTION COMPANY

MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

**Surface Mining Permit Application**  
**Page 2**

YUBA COUNTY  
COUNTY ADMINISTRATOR  
COUNTY OFFICE  
1000 J STREET, 2ND FLOOR  
YUBA, CALIFORNIA 95901  
TELEPHONE (916) 923-1100

7. LESSEE: N/A

MAILING ADDRESS: \_\_\_\_\_

Street \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_ Telephone (8 a.m. - 5 p.m.) \_\_\_\_\_

8. Exact legal description of property as recorded in the office of the County Recorder (may be attached).

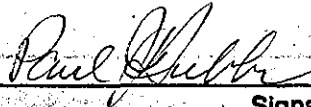
9. Assessor's Parcel Number(s): (173 170 006-5), (173 170 013-1), (173 170 015-3)  
(173 180 003-3), (173 180 008-8), (173 180 009-9)

10. Cases Filed Concurrently: Indicate other cases and documents filed on the site. Include case numbers, environmental assessment numbers, environmental impact report numbers, etc.

11. APPLICANT'S CERTIFICATION OF FILING:

I certify that I am the owner of record, or the owner of record has knowledge of and consents to the proposed <sup>reclamation plan</sup> ~~surface mining~~ permit application for this property. I further certify that the information contained herein is true and correct to the best of my knowledge.

Executed on October 21, 1987



Signature

PAUL J. HUBBS - OWNER

Print Name

140 WEST VALLEY BOULEVARD, RIALTO

Address

CALIFORNIA 92376

DESCRIPTION:

In the unincorporated area of the County of Riverside, State of California, described as follows:

The Northeast quarter and Government Lots 1, 2 and the South half of Government Lots 5, 6 and North half of the Southeast quarter and that portion of the Southwest quarter of Section 1, Township 2 South, Range 6 West, San Bernardino Base and Meridian lying Northeastly of the Northeasterly line of the land conveyed to the Metropolitan Water District of Southern California, a corporation, by Deed recorded March 27, 1936, in Book 273 page 104 of Official Records of Riverside County, California;

EXCEPTING therefrom that portion thereof lying Southeasterly of the Northwesternly line of Jurupa Rancho;

ALSO EXCEPTING therefrom that portion thereof described as follows:

BEGINNING at the Southwesterly corner of the Northeasterly quarter of said Section 1;  
THENCE Northerly along the Westerly line of the Northeast quarter of said Section 1, a distance of 568.09 feet to the TRUE POINT OF BEGINNING;  
THENCE Easterly and parallel with the Northerly line of the Northeast quarter of said Section 1, a distance of 800.00 feet;  
THENCE Northerly and parallel with the Westerly line of the Northeast quarter of said Section 1, to the Northerly line thereof;  
THENCE Westerly along the Northerly line of the Northeast quarter of said Section 1, to the Northwesternly corner thereof;  
THENCE Southerly along the Westerly line of the Northeast quarter of said Section 1, to the TRUE POINT OF BEGINNING;

ALSO EXCEPTING therefrom that portion thereof lying Southerly and Easterly of the following described line:

BEGINNING at the Northeasterly corner of said Section 1;  
THENCE Southerly along the Easterly line of said Section 1, a distance of 300 feet;  
THENCE Westerly and parallel with the Northerly line of said Section 1, a distance of 1,000 feet;  
THENCE Southerly and parallel with the Easterly line of said Section 1, to the Southerly line of the Northeast quarter thereof;

ALSO EXCEPTING therefrom that portion thereof described as follows:

BEGINNING at the Northeast corner of Section 1, Township 2 South, Range 6 West, San Bernardino Base and Meridian;  
THENCE Westerly along the Northerly line of said section a distance of 1,000 feet;  
THENCE at a right angle Southerly and parallel with the Easterly line of said Section, a distance of 3,000 feet to the TRUE POINT OF BEGINNING;  
THENCE at a right angle Easterly parallel with the North line of said Section, a distance of 250 feet;  
THENCE at a right angle Northerly parallel with the East line of said section a distance of 350 feet;  
THENCE at a right angle Westerly parallel with the Northerly line of said section a distance of 250 feet;  
THENCE at a right angle Southerly parallel with the East line of said section a distance of 350 feet more or less to the TRUE POINT OF BEGINNING, being the Southerly 350 feet by 250 feet of that certain parcel conveyed to STRINGFELLOW QUARRY CO., INC., by Deed dated June 19, 1972, recorded June 20, 1972, as Instrument No. 80758 of Official Records of Riverside County, California;

ALSO EXCEPTING therefrom the right of way of the San Pedro, Los Angeles, and Salt Lake Railroad Company;

ALSO EXCEPTING therefrom the gas, oil and coal rights in and to said property acquired by Deed from the San Pedro, Los Angeles and Salt Lake Railroad Company.

Name BY: \_\_\_\_\_

\* \* \* Thompson & Colegate  
Security Pacific Plaza Bldg  
3737 Main St. Suite 600, Riverside, Ca.

At the close of escrow you are to mail your check and any documents to which I am entitled to the above address.



FIGURE 2

**RIVERSIDE COUNTY  
PLANNING DEPARTMENT**  
County Administrative Center  
4080 Lemon Street, 9th Floor  
Riverside, CA 92501-3657  
Telephone (714) 787-6181

**RECLAMATION PLAN  
SURFACE MINING PERMIT APPLICATION**  
Ordinance 555

Please print or type all requested information.  
Incomplete application and/or inaccurate exhibits will not be accepted

1. NAME OF MINE: PAUL HUBBS / STRINGFELLOW ROCK QUARRY  
LOCATION OF MINE (Street Address, etc): 3500 PYRITE ROAD, GLEN AVON  
ONE MILE NORTH OF I-60

2. OPERATOR: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

3. APPLICANT: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: If more than one person is involved in the ownership of the property, a separate page must be attached to this application which lists the names and addresses of all persons having interest in the ownership of mineral rights.

4. LAND OWNER: PAUL J. HUBBS  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: All applicants for surface mining permit who are not also the record owners(s) of the property must submit a signed statement by the property/mineral rights owner(s) authorizing them to act on the owner's behalf.

5. REPRESENTATIVE: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: The Planning Department will only mail correspondence regarding a surface mining permit to the person identified above as the representative. The representative may be the land owner, consultant, or agent. A name, address and phone number must be provided for a surface mining permit application to be acceptable.

6. OWNER OF MINERAL RIGHTS: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

RIVERSIDE COUNTY SHERIFF

EXPLOSIVES APPLICATION AND PERMIT

COIS BYRD, SHERIFF  
4050 Main Street  
Riverside, California  
Phone 787-2444

PERMIT # \_\_\_\_\_ Station \_\_\_\_\_  
fee ☐ \$5.00 100# or less Application Date \_\_\_\_\_  
☐ \$15.00 more than 100 # Effective Permit Date \_\_\_\_\_

1. Permittee: (Minimum age 21 years) Phone \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_

DOB \_\_\_\_\_ Place \_\_\_\_\_ HT. \_\_\_\_\_ WT. \_\_\_\_\_ Color \_\_\_\_\_ Color \_\_\_\_\_  
Driver's \_\_\_\_\_ O/ Eyes \_\_\_\_\_ Hair \_\_\_\_\_ Sex \_\_\_\_\_  
License \_\_\_\_\_ I.D. # \_\_\_\_\_ Representing \_\_\_\_\_  
Phone \_\_\_\_\_

2. Vehicle for Transportation  
Make \_\_\_\_\_ Mdl. \_\_\_\_\_ Yr. \_\_\_\_\_ License # \_\_\_\_\_ State \_\_\_\_\_  
Travel route and safe stopping places \_\_\_\_\_

3. Activity: Manufacture ☐ Store ☐ Receive &/or Transport ☐ Use ☐  
Sell or otherwise dispose ☐ Operate Terminal\* ☐ Park Vehicle ☐

4. Material: Type of explosive \_\_\_\_\_ Quantity \_\_\_\_\_ Lb.  
How and/or where stored \_\_\_\_\_

How and/or where used (be specific) \_\_\_\_\_

- ☐ Must furnish State Forestry approval. Photographed ☐ Initial \_\_\_\_\_  
☐ Must furnish Federal Forest Service approval. Printed ☐ Initial \_\_\_\_\_  
☐ Must furnish CHP permit (over 1000# transp.)

THEFT OR LOSS SHALL BE REPORTED TO THIS AGENCY IMMEDIATELY (12086 H&S)

I, the undersigned, certify that I understand and will abide by all Federal, State and local laws, ordinances, rules or orders to perform those acts noted therein. I also understand that all unused inventory covered by this permit on or before the expiration date will be disposed of in the following manner:

1. ☐ Returned to source
2. ☐ Totally destroyed in a safe manner
3. ☐ Turned over to issuing authority or re-apply for a new permit

Applicant's Signature \_\_\_\_\_  
IF ADDITIONAL SPACE IS NEEDED, FLIP AND USE REVERSE SIDE.

RECEIPT # \_\_\_\_\_

APPROVAL

This permit is granted to perform those activities noted above, and will expire \_\_\_\_\_.

The permittee is limited to perform these activities during the tenure of this permit, subject to conditions noted below.

This permit is non-transferable.

Conditions: (Over) \_\_\_\_\_

Issuing Authority, ID \_\_\_\_\_

Distribution:

1. Permittee
2. Issuing Authority
3. Issuing Authority (Station)
4. State Bureau of CII, Sacto.
5. Chief Fire Authority where explosives stored or used.

\*Terminal approval shall be forwarded  
California Highway Patrol  
Motor Carrier Safety Section  
2611 26th Street  
Sacramento, California 95814

CONDITIONS:

1. Obey all laws and ordinances.
2. This permit valid only on land legally owned or contracted job sites.
3. Permit is suspended during time of critical fire weather conditions insofar as blasting operations.
4. Each blasting operation authorized by this permit shall have one adult person in attendance and remain on watch for fire at least one hour after explosives have been detonated.
5. Notify local fire and law enforcement agencies prior to each blasting operation.

ADDITIONAL CLEARED EMPOLYEEES:

#1) NAME: RACE: DOB:  
RES : PH# ( )  
BUS : PH# ( )  
CDL # SS#

#2) NAME: RACE: DOB:  
RES : PH# ( )  
BUS : PH# ( )  
CDL : SS#

#3) NAME: RACE: DOB:  
RES : PH# ( )  
BUS : PH# ( )  
CDL : SS#

VEHICLES TO BE USED FOR TRANSPORTATION

	<u>LIC #</u>	<u>V.I.N.</u>	<u>MAKE</u>	<u>YEAR</u>	<u>COMPANY</u>
#1)					
#2)					
#3)					
#4)					



**RIVERSIDE COUNTY  
PLANNING DEPARTMENT**  
County Administrative Center  
4080 Lemon Street, 9th Floor  
Riverside, CA 92501-3657  
Telephone (714) 787-6181

**RECLAMATION PLAN  
SURFACE MINING PERMIT APPLICATION**  
Ordinance 555

Please print or type all requested information.  
Incomplete application and/or inaccurate exhibits will not be accepted.

1. NAME OF MINE: PAUL HUBBS / STRINGFELLOW ROCK QUARRY  
LOCATION OF MINE (Street Address, etc): 3500 PYRITE ROAD, GLEN AVON  
ONE MILE NORTH OF I-60

2. OPERATOR: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

3. APPLICANT: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RAILTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: If more than one person is involved in the ownership of the property, a separate page must be attached to this application which lists the names and addresses of all persons having interest in the ownership of mineral rights.

4. LAND OWNER: PAUL J. HUBBS  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: All applicants for surface mining permit who are not also the record owners(s) of the property must submit a signed statement by the property/mineral rights owner(s) authorizing them to act on the owner's behalf.

5. REPRESENTATIVE: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIATLO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

NOTE: The Planning Department will only mail correspondence regarding a surface mining permit to the person identified above as the representative. The representative may be the land owner, consultant, or agent. A name, address and phone number must be provided for a surface mining permit application to be acceptable.

6. OWNER OF MINERAL RIGHTS: PAUL HUBBS CONSTRUCTION COMPANY  
MAILING ADDRESS: 140 WEST VALLEY BOULEVARD, RIALTO  
Street City  
CALIFORNIA 92376 (714) 877-2726  
State Zip Telephone (8 a.m. - 5 p.m.)

DESCRIPTION:

In the unincorporated area of the County of Riverside, State of California, described as follows:

The Northeast quarter and Government Lots 1, 2 and the South half of Government Lots 5, 6 and North half of the Southeast quarter and that portion of the Southwest quarter of Section 1, Township 2 South, Range 6 West, San Bernardino Base and Meridian lying Northeastly of the Northeastly line of the land conveyed to the Metropolitan Water District of Southern California, a corporation, by Deed recorded March 27, 1936, in Book 273 page 104 of Official Records of Riverside County, California;

EXCEPTING therefrom that portion thereof lying Southeasterly of the Northwesterly line of Jurupa Rancho;

ALSO EXCEPTING therefrom that portion thereof described as follows:

BEGINNING at the Southwesterly corner of the Northeastly quarter of said Section 1;  
THENCE Northerly along the Westerly line of the Northeast quarter of said Section 1, a distance of 568.09 feet to the TRUE POINT OF BEGINNING;  
THENCE Easterly and parallel with the Northerly line of the Northeast quarter of said Section 1, a distance of 800.00 feet;  
THENCE Northerly and parallel with the Westerly line of the Northeast quarter of said Section 1, to the Northerly line thereof;  
THENCE Westerly along the Northerly line of the Northeast quarter of said Section 1, to the Northwesterly corner thereof;  
THENCE Southerly along the Westerly line of the Northeast quarter of said Section 1, to the TRUE POINT OF BEGINNING;

ALSO EXCEPTING therefrom that portion thereof lying Southerly and Easterly of the following described line:

BEGINNING at the Northeastly corner of said Section 1;  
THENCE Southerly along the Easterly line of said Section 1, a distance of 300 feet;  
THENCE Westerly and parallel with the Northerly line of said Section 1, a distance of 1,000 feet;  
THENCE Southerly and parallel with the Easterly line of said Section 1, to the Southerly line of the Northeast quarter thereof;

ALSO EXCEPTING therefrom that portion thereof described as follows:

BEGINNING at the Northeast corner of Section 1, Township 2 South, Range 6 West, San Bernardino Base and Meridian;  
THENCE Westerly along the Northerly line of said section a distance of 1,000 feet;  
THENCE at a right angle Southerly and parallel with the Easterly line of said Section, a distance of 3,000 feet to the TRUE POINT OF BEGINNING;  
THENCE at a right angle Easterly parallel with the North line of said Section, a distance of 250 feet;  
THENCE at a right angle Northerly parallel with the East line of said section a distance of 350 feet;  
THENCE at a right angle Westerly parallel with the Northerly line of said section a distance of 250 feet;  
THENCE at a right angle Southerly parallel with the East line of said section a distance of 350 feet more or less to the TRUE POINT OF BEGINNING, being the Southerly 350 feet by 250 feet of that certain parcel conveyed to STRINGFELLOW QUARRY CO., INC., by Deed dated June 19, 1972, recorded June 20, 1972, as Instrument No. 80758 of Official Records of Riverside County, California;

ALSO EXCEPTING therefrom the right of way of the San Pedro, Los Angeles, and Salt Lake Railroad Company;

ALSO EXCEPTING therefrom the gas, oil and coal rights in and to said property acquired by Deed from the San Pedro, Los Angeles and Salt Lake Railroad Company.

Name BY: \_\_\_\_\_

\* \* \* Thompson & Collegate  
Security Pacific Plaza Bldg  
3737 Main St. Suite 600, Riverside, Ca.

At the close of escrow you are to mail your check and any documents to which I am entitled to the above address.

RIVERSIDE COUNTY SHERIFF

EXPLOSIVES APPLICATION AND PERMIT

COIS BYRD, SHERIFF  
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Phone 787-2444

PERMIT # \_\_\_\_\_ Station \_\_\_\_\_  
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License \_\_\_\_\_ I.D. # \_\_\_\_\_ Representing \_\_\_\_\_

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#4)					